

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Claims 1 – 8 (Canceled)

9. (New): A composite material with a composition gradient of calcium phosphate in one or more types of biodegradable polymeric materials selected from among glycosaminoglycan, collagen, and a composite thereof.

10. (New): The composite material according to claim 9, wherein the biodegradable polymeric material is a crosslinked product of glycosaminoglycan and collagen.

11. (New): A scaffold for cell differentiation and proliferation consisting of the composite material according to claim 9.

12. (New): The scaffold according to claim 11, which can effectively regenerate a hard/soft tissue interface.

13. (New): An implant for hard/soft tissue filling comprising the composite material according to claim 9..

14. The implant according to claim 13, which further comprises cells.

15. A method for producing a composite material with a composition gradient of calcium phosphate in a biodegradable polymeric material by alternately soaking one side or part of the biodegradable polymeric material in a calcium ion-containing solution and the other side or part in a phosphate ion-containing solution.